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<b>(54) Title:</b> SYSTEM AND METHOD FOR EVALUATING AGENTS WHICH PREVENT OXIDATIVE DAMAGE			
<b>(57) Abstract</b>  An <i>in vitro</i> system for identifying agents capable of inhibiting or preventing oxidative damage in a mouse fibroblast culture derived from a transgenic mouse capable of expressing human elastin promoter which generates reactive oxygen species within the mouse fibroblast culture is provided. A method for identifying agents capable of inhibiting or preventing oxidative damage via this system is also provided.			